

106905-CSX-5CD-E-2016
Automation Design / Maintenance Engineer

Holds a B. Sc. in Electrical Engineering (Electronics & Communications Section) and has gained experience in automation/instrumentation design and implementation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/11/1992
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

- : B. Sc. in Electrical Engineering (Electronics & Communications Section), Arab Academy for Science, Technology & Maritime Transport (AASTMT), 2016
- : High School: Gamal Abd El-Nasser School

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

- : Windows, MS Office (Word, Power Point), Internet
- : Programming languages: C, Assembly

TRAINING COURSES AND CERTIFICATIONS

- : Embedded Systems Diploma, IMT SCHOOL TRAINING CENTER (from Feb. till May 2019).
- : SIDI KRIR Power Plant (2x320MW) (from Jun. till Aug. 2018):
 - Power Plant Familiarization (turbine, boiler, generator, desalination, auxiliaries, DCS).
 - Field instrumentation training (Switches, transmitters, sensors, etc.).
 - Introduction Control system (DCS, PLC, Control cards, etc.).
- : OIL & GAS SKILLS (OGS) (Apr./May 2018):
 - Industrial Process Measurements such as: Pressure, Temperature, Level, Flow.
 - Classification & Types of Final Control Elements such as: Valves & Position Actuators.

- Introduction to Process Control Loops.
- : OIL & GAS SKILLS (OGS) (Jul./Aug. 2017): Introduction to PLC control systems.
- : ALEXANDRIA MINERAL OILS COMPANY (AMOC) (Jul./Aug. 2016):
 - Production lines familiarization (Identify production lines, mineral oils and basic Neutral paraffin candles and maximize the productivity of the production of diesel and naphtha).
 - Field instrumentation identification.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2019 till now
- Employer** : DE-MEC FOR INDUSTRIAL SOLUTIONS
 DE-MEC is a specialized industrial solutions company which is offering a wide broad of services that effectively suits the Industrial Market such as food processing machinery (Mixers, separate & sort solutions, blenders, Milling machinery, blenders, etc.) and industrial solutions (Mechanical & Automation Designs)
- Job title** : Automation Design / Maintenance Engineer
- Job Description** :
 - Designing an automation control panels which suits the logic of application.
 - Selection of Control panel components/instrumentation according to voltage and current calculations (Sensors, Relays, Contactors, Circuit breakers, Ac drives, etc.).
 - Handling required tasks through Programmable Logic Controllers (PLC).
 - Perform the required measurements/troubleshooting on the installed instrumentation.
 - Perform the required settings adjustments of (Sensors, AC drives, Controllers, etc.) according to the application requirements.
 - Installation of the control panels and perform the required operation tests.
 - Control panels maintenance and troubleshooting.
 - Preparing the technical reports after the job completion.
- Dates** : From Aug. 2018 till May 2019
- Job title** : Digital Marketer & Sales Specialist
- Job Description** : Representing many tools & clothes distributors / small factories in dealing with customers which enhanced my communication, negotiation and presentation skills.